



Mohr et al. pl

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ORIGINAL REFERENCE NO.: 61:1873f-h
TITLE: 4-Nitro-1,2,3-triazoles
INVENTOR(S): Mohr, Reinhard; Zimmermann, Manfred
PATENT ASSIGNEE(S): Farbwerke Hoechst A.-G.
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PATENT INFORMATION:

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DE 1168437		19640423	DE 1962-F38332	19621117
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PRIORITY APPLN. INFO.:			DE	19621117

GI For diagram(s), see printed CA Issue.

AB To an aqueous solution of methazonic acid (prepared from 366 g. MeNO₂) containing

AcONa was added, under stirring at 10-20°, a diazotized solution in AcOH prepared from 3 moles 2-aminonaphthalene, followed by the addition of concentrated NaOH till a clear dark brownish red solution (.apprx.12l) was obtained. Ac₂O (60 ml.) was then dropped under the surface of the solution in .apprx.30 min. and simultaneously concentrated NaOH added to keep the solution

alkaline; the temperature was kept between 25-8° by the addition of ice. The yellowish precipitate was filtered, washed (H₂O), and dried to give 575 g. I

(n =

1, R = 2-ClO₂H₇), m. 191-3° (AcOH). Similarly were obtained the following I (n = 1) (R and m.p. given): 2,5-MeClC₆H₃, 102° (EtOH); 5,2-Cl(MeO)C₆H₃, 103-4° (EtOH); 2-MeC₆H₄, 68-9° (EtOH); 1-ClO₂H₇, 124-5° (EtOH); Ph, 127°; 4-MeC₆H₄, 116°; 3-ClC₆H₄, 73-5°; 2-ClC₆H₄, 82°; 3-MeOC₆H₄, 87-9°; 2-MeOC₆H₄, 75°; 4-ClC₆H₄, 106-8°; 4-MeOC₆H₄, 112°; 2,3-MeClC₆H₃, 61-2°; 2,4-MeClC₆H₃, 58°; 2,5-Cl₂C₆H₃, 120°; 3-O₂NC₆H₄, 119°; 2-HO₂CC₆H₄, 215-16°; 4-[2-(2-methyl-3-chorophenyl)-1,2,3-triazolyl], 90-2°; 4-AcNHC₆H₄, 215-16°; 4-H₂NC₆H₄, 217-18°; 4-O₂NC₆H₄, 143°; 3-HO₃SC₆H₄, -; 3-(6-chloro-1H-indazolyl), 195-6°; 5-(3-phenylpyrazolyl), 225-7°; 2-(6-ethoxybenzothiazolyl), 181-3°; 3-(1-phenyl-5-imino-1,2,4-triazolyl), 260-2°; 7-(benzotriazolyl), 246-8°; 7-(5-chlorobenzimidazolyl), 293-5°; 4,4'-biphenyl (n = 2), 225-7°; 1,4-C₆H₄ (n = 2), 203-4°.

IT 92381-05-0P, 1H-Indazole, 6-chloro-3-(4-nitro-2H-1,2,3-triazol-2-yl)-

RL: PREP (Preparation)
(preparation of)

RN 92381-05-0 CAPLUS

CN 1H-Indazole, 6-chloro-3-(4-nitro-2H-1,2,3-triazol-2-yl)- (CA INDEX NAME)

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